



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **Flarion-49L (8)**

Applicant: **Rajiv Laroia**

Serial No.: **09/551,791**

Filing Date: **April 18, 2000**

Title: **PILOT USE IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING  
BASED SPREAD SPECTRUM MULTIPLE ACCESS SYSTEMS**

Examiner: **Kevin Michael Burd**

Group Art Unit: **2631**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**RECEIVED**

MAR 19 2004

Technology Center 2600

**SUBMISSION OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97(c) WITH FEE**

The applicants respectfully request that the references listed on the attached PTO/SB/08A be considered in the examination of the above-identified application. A copy of each of these references is enclosed.

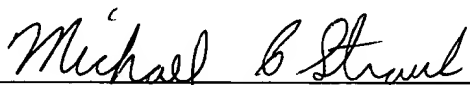
The applicants reserve the right to establish that any of the references listed on the attached PTO/SB/08A are not prior art to the above-captioned application.

This Information Disclosure Statement is being submitted more than three (3) months after the filing date of the application and following the issuance of an Office Action,

but before a Final Office Action. A check in the amount 9of \$180.00 is enclosed to cover the \$180.00 fee due for consideration of the Information Disclosure Statement. **The Patent Office is authorized to charge any additional fee due to obtain consideration of this Information Disclosure Statement to the deposit account of Straub & Pokotylo, deposit account number 50-1049.** A fee transmittal letter is submitted herewith to facilitate charging of the fee.

Respectfully submitted,

March 15, 2004



Michael P. Straub, Attorney  
Reg. No. 36,941  
Customer No. 26479  
(732) 542-9070

STRAUB & POKOTYLO  
620 Tinton Avenue  
Bldg. B, 2<sup>nd</sup> Floor  
Tinton Falls, NJ 07724-3260

**CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being deposited on **March 15, 2004** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Michael P. Straub

36,941  
Reg. No.

O.I.P.E.  
 MAR 17 2004  
 PATENT & TRADEMARK OFFICE

Modified PTO/SB/17 (01-03)  
 Approved for use through 04/30/2003. OMB 0651-0032  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

## Complete if Known

Application Number 09/551,791  
 Filing Date April 18, 2000  
 First Named Inventor Rajiv Laroia  
 Examiner Name Kevin Michael Bunde  
 Art Unit 2631  
 Attorney Docket No. Flarion-49L (8)

RECEIVED

MAR 19 2004

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
 Deposit Account Name

50-1049

Straub & Pokotylo

The Commissioner is authorized to: (check all that apply)

☒ Charge any underpayment of fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) due in connection with the filing submitted herewith

☐ Charge fee(s) indicated below, except for the filing fee in the to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          | (\$ )                  | 0.00     |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    |                      | Extra Claims |                      | Fee from below         | Fee Paid               |
|--------------------|----------------------|--------------|----------------------|------------------------|------------------------|
| Total Claims       | <input type="text"/> | -20** =      | <input type="text"/> | X <input type="text"/> | = <input type="text"/> |
| Independent Claims | <input type="text"/> | -3** =       | <input type="text"/> | X <input type="text"/> | = <input type="text"/> |
| Multiple Dependent |                      |              |                      | <input type="text"/>   | = <input type="text"/> |

| Large Entity |          | Small Entity |          | Fee Description   | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |          |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                         |          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                     |          |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent         |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2) |          |              |          | (\$ )   | 0.00     |

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity                       |          | Small Entity |          | Fee Description  | Fee Paid     |
|------------------------------------|----------|--------------|----------|--|--------------|
| Fee Code                           | Fee (\$) | Fee Code     | Fee (\$) |  |              |
| 1051                               | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |              |
| 1052                               | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |              |
| 1053                               | 130      | 1053         | 130      | Non-English specification  |              |
| 1812                               | 2,520    | 1812         | 2,520    | For filing a request for ex parte reexamination                            |              |
| 1804                               | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |              |
| 1805                               | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |              |
| 1251                               | 110      | 2251         | 55       | Extension for reply within first month                                     |              |
| 1252                               | 420      | 2252         | 210      | Extension for reply within second month                                    |              |
| 1253                               | 950      | 2253         | 475      | Extension for reply within third month                                     |              |
| 1254                               | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |              |
| 1255                               | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |              |
| 1401                               | 330      | 2401         | 165      | Notice of Appeal   |              |
| 1402                               | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |              |
| 1403                               | 290      | 2403         | 145      | Request for oral hearing   |              |
| 1451                               | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |              |
| 1452                               | 110      | 2452         | 55       | Petition to revive - unavoidable   |              |
| 1453                               | 1,330    | 2453         | 665      | Petition to revive - unintentional   |              |
| 1501                               | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |              |
| 1502                               | 480      | 2502         | 240      | Design issue fee   |              |
| 1503                               | 640      | 2503         | 320      | Plant issue fee  |              |
| 1460                               | 130      | 1460         | 130      | Petitions to the Commissioner  |              |
| 1807                               | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(c)  |              |
| 1806                               | 180      | 1806         | 180      | Submission of Information Disclosure                                       | 180.00       |
| 8021                               | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |              |
| 1809                               | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |              |
| 1810                               | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |              |
| 1801                               | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |              |
| 1802                               | 900      | 1802         | 900      | Request for expedited examination of a design application                  |              |
| Other fee (specify)                |          |              |          |  |              |
| * Reduced by Basic Filing Fee Paid |          |              |          | SUBTOTAL (3)   | (\$ ) 180.00 |

## SUBMITTED BY

| Name (Print/Type) | Michael P. Straub | Registration No. (Attorney/Agent) | 36,941         | Telephone | (732) 542-9070 |
|-------------------|-------------------|-----------------------------------|----------------|-----------|----------------|
| Signature         | Michael P. Straub | Date                              | March 15, 2004 |           |                |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231.